

# Memorandum

**To:** File 536

**From:** Ron Lehman, O&M Superintendent

**Date:** January 10, 2001

**Re:** Platte River Ice Thickness Measurements Along Union Dike

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On January 10, 2001, Jason Schnell and the writer took ice thickness measurements on the Platte River. The measurements were taken perpendicular to the river flow, near the dike on the Werner Property, at approximately Station 197+24 (1.9 miles upstream of Highway 64).

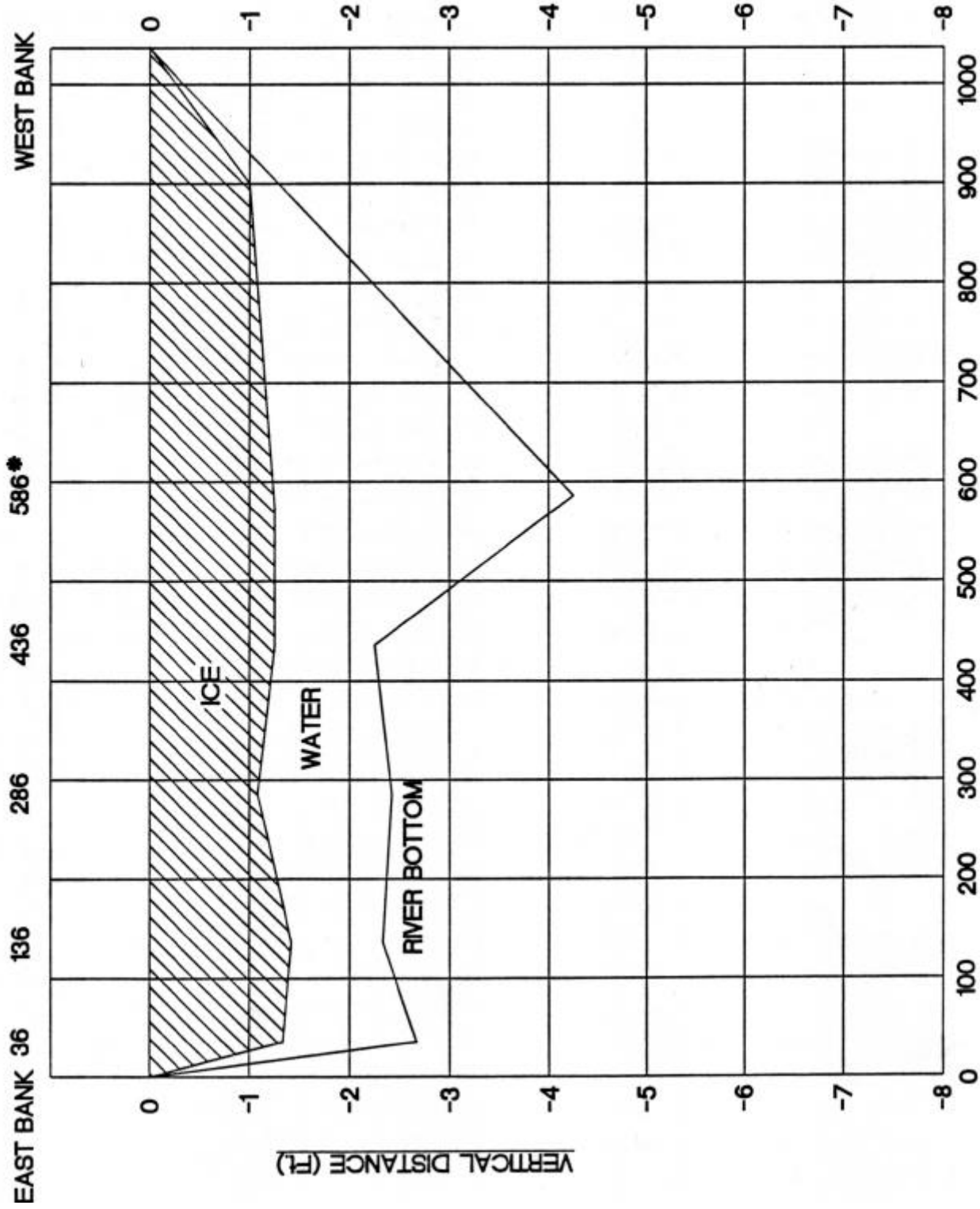
A gas powered auger was used to drill the holes. The location of the holes on the table below are measured (stepped off) from the east bank of the Platte River.

Distance From East Bank (Feet)	Ice Thickness (Inches)	Depth From Top Of Ice To River Bed (Inches)
36	16.0	32
136	17.0	28
286	13.0	29
436	15.0	27
*586	15.0	51

\*This hole is located about 450 feet from the west bank of the river. The ice thickness and open water west of this location created non-safe conditions for ice thickness measurements.

cc: Steve Oltmans, Marlin Petermann, Martin Cleveland, P-MRNRD  
Cindy Newsham, NEMA  
Brian Dunnigan, NDNR  
Jeff Reese, NWS  
Janelle Mavis, COE

# (Near the Werner Property)



\* Hole location is approx. 450' from the west bank. January 10, 2001

HORIZONTAL DISTANCE (FT)

WEST  
Looking South

# Memorandum

**To:** File 536

**From:** Ron Lehman, O&M Superintendent

**Date:** January 10, 2001

**Re:** Platte River Ice Thickness Measurements Along Western Sarpy Dike

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On January 10, 2001, Jason Schnell and the writer took ice thickness measurements on the Platte River. The measurements were taken perpendicular to the river flow, near the dike, 1,000 Ft. north of the extension of Fairview Road (north of Martin Marietta quarry).

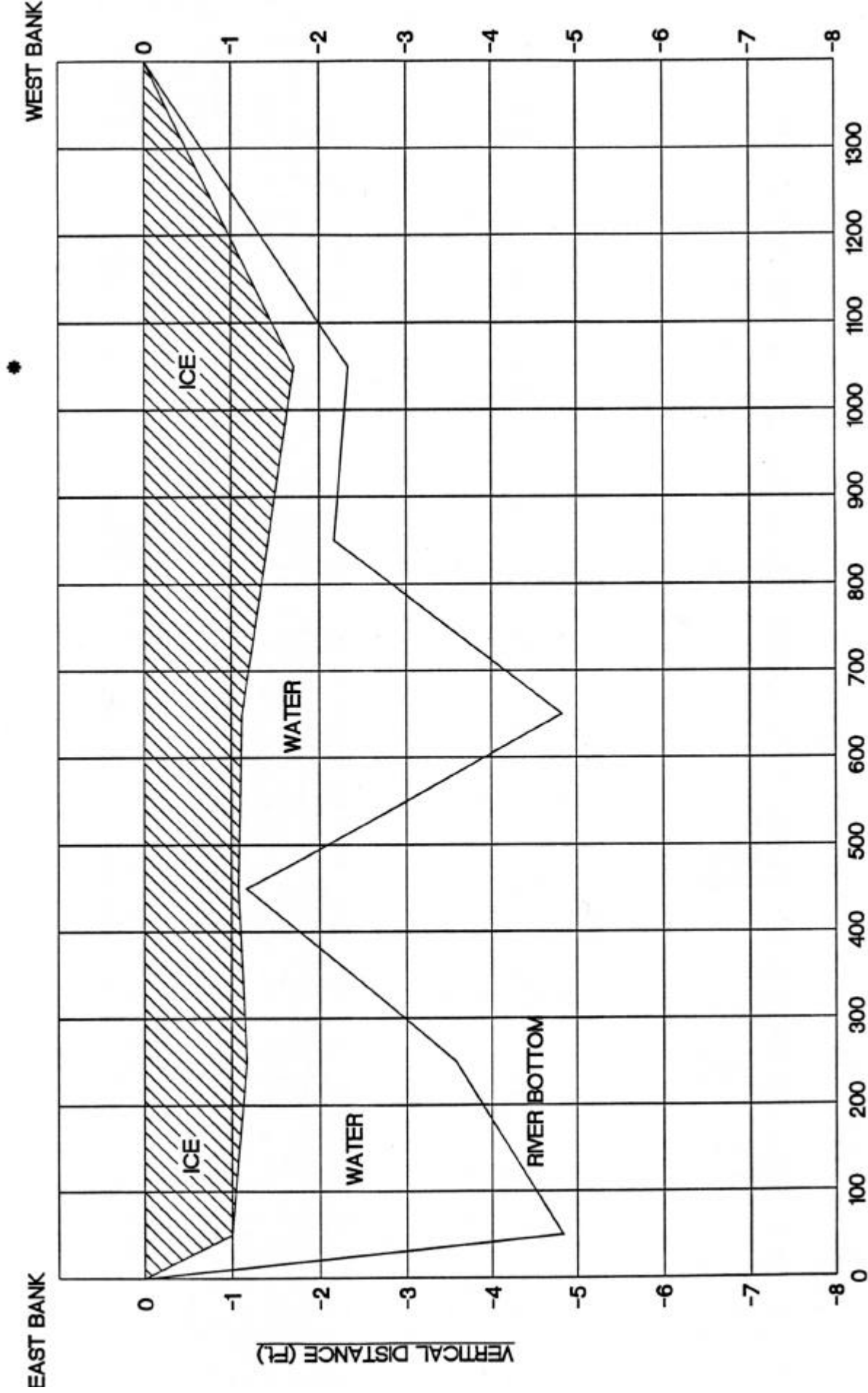
A gas powered auger was used to drill the holes. The location of the holes on the table below are measured (stepped off) from the east bank of the Platte River.

Distance From East Bank (Feet)	Ice Thickness (Inches)	Depth From Top Of Ice To River Bed (Inches)
50	12.0	58
250	14.0	43
450	13.0	14
650	13.5	58
850	17.0	26
*1,050	20.5	28

\*This hole is located about 300 feet from west bank of the river.

**Cc:** Steve Oltmans, Marlin Petermann, Martin Cleveland, P-MRNRD  
Cindy Newsham, NEMA  
Brian Dunnigan, NDNR  
Jeff Reese, NWS  
Janelle Mavis, COE

# PLATTE RIVER: 1000FT. North of Fairview Road Extension (North of Lyman Richey Quarry)



Hole location is approx. 300' from the west bank.  
January 10, 2001

HORIZONTAL DISTANCE (FT)

WEST  
Looking South